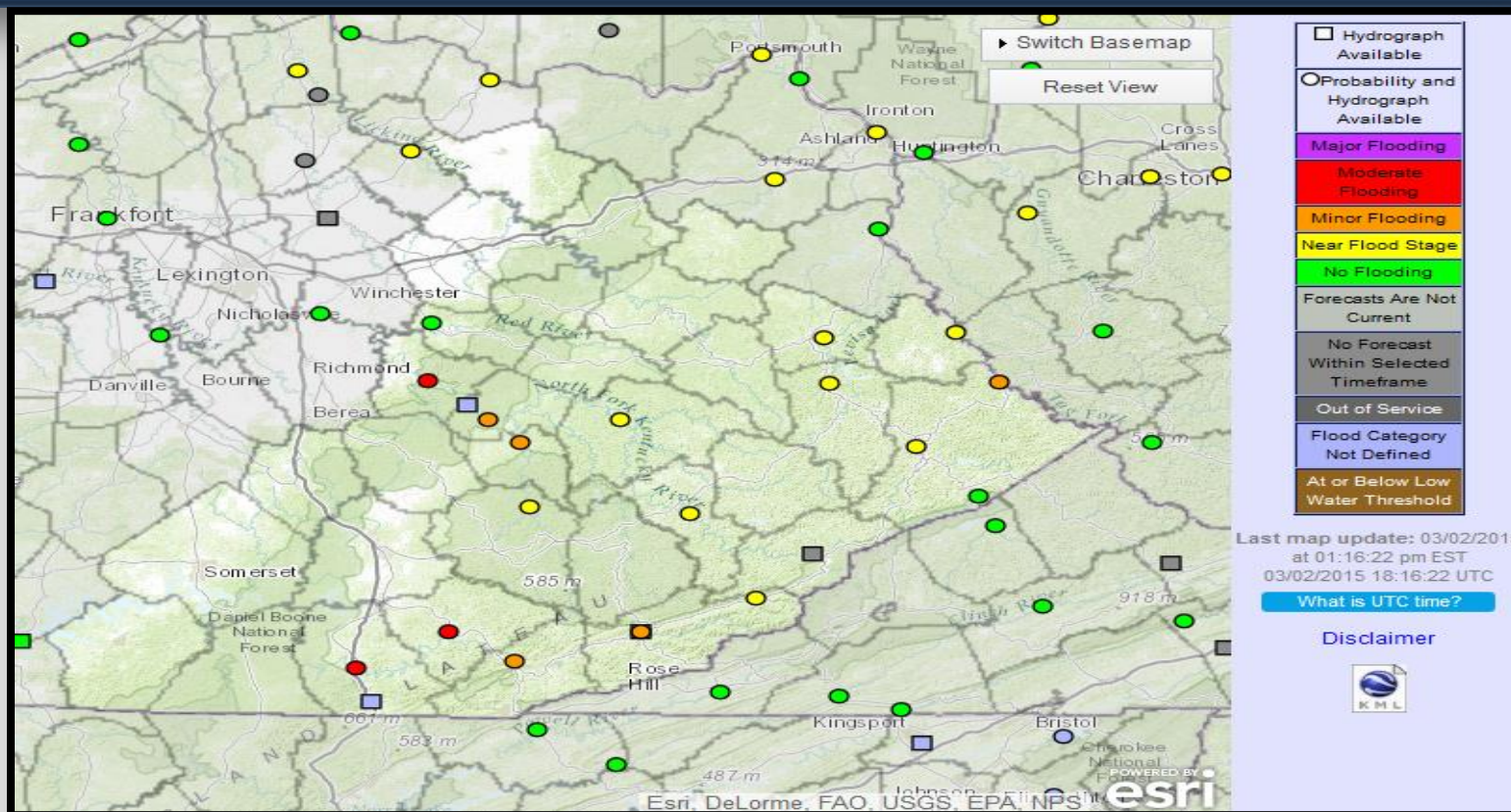




Hazardous Weather Briefing

Flood and Winter Storm Potential



NWSJacksonKY



@NWSJacksonKY



NWSJacksonKY

National Weather Service
Jackson, KY

<http://www.weather.gov/jkl>

Email: w-jkl.webmaster@noaa.gov

Phone: 606-666-8000



Briefing Updated: 3/2/2015 2:29 PM



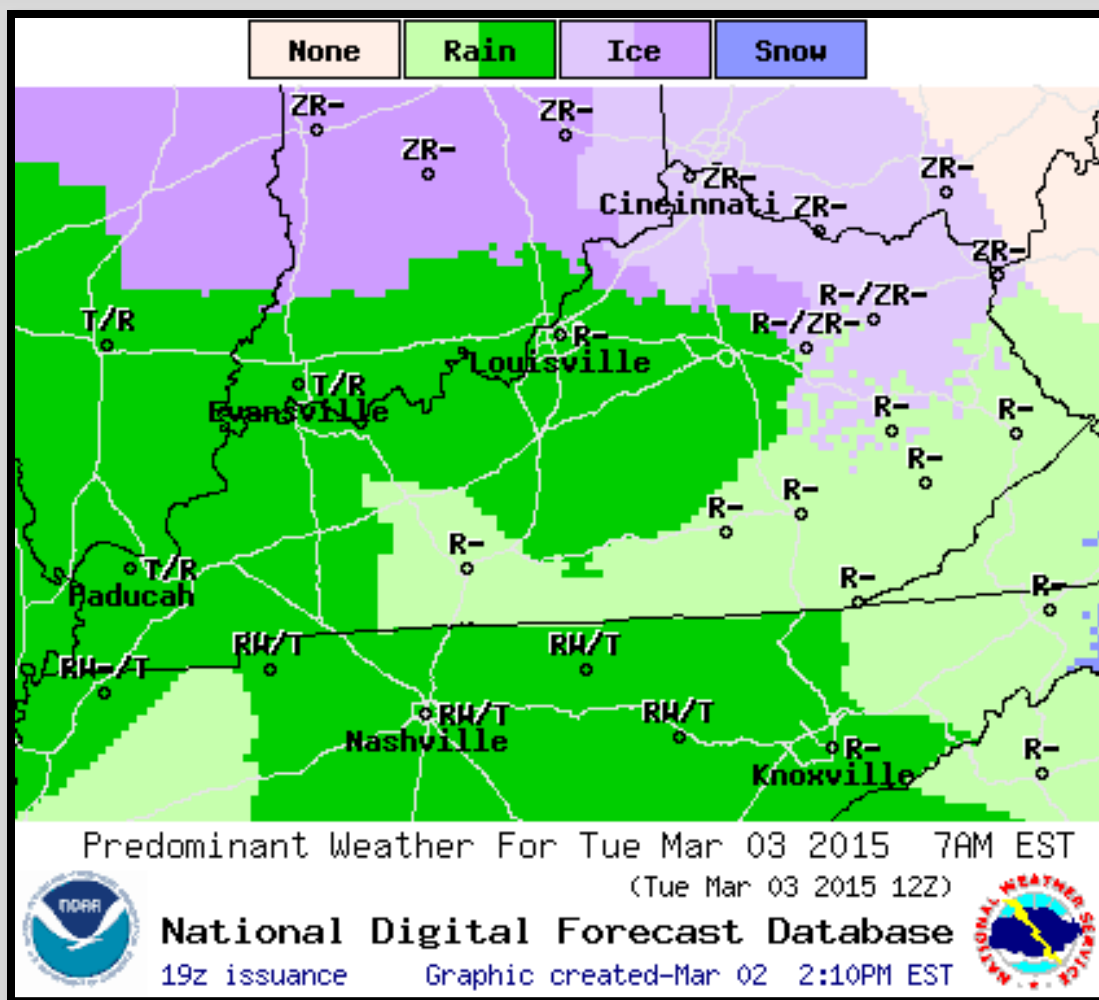
Forecast/Impacts Summary



- **Flooding remains our primary concern with this storm system.** 2 to 3 inches of rainfall, combined with snow melt from a still significant snow pack over the higher terrain along the Virginia border will likely result in flooding.
- **"Moderate" river flooding is forecast at Williamson on the Tug Fork, Ravenna on the Kentucky and at Barbourville and Williamsburg on the Cumberland. Several other river points are expected to reach "Minor" flood stage.**
- We are now inside of the 72 hour window when river forecasts available on our webpage will be including just about all of the precipitation we expect to fall during this event. **This increases our confidence in a significant event.**
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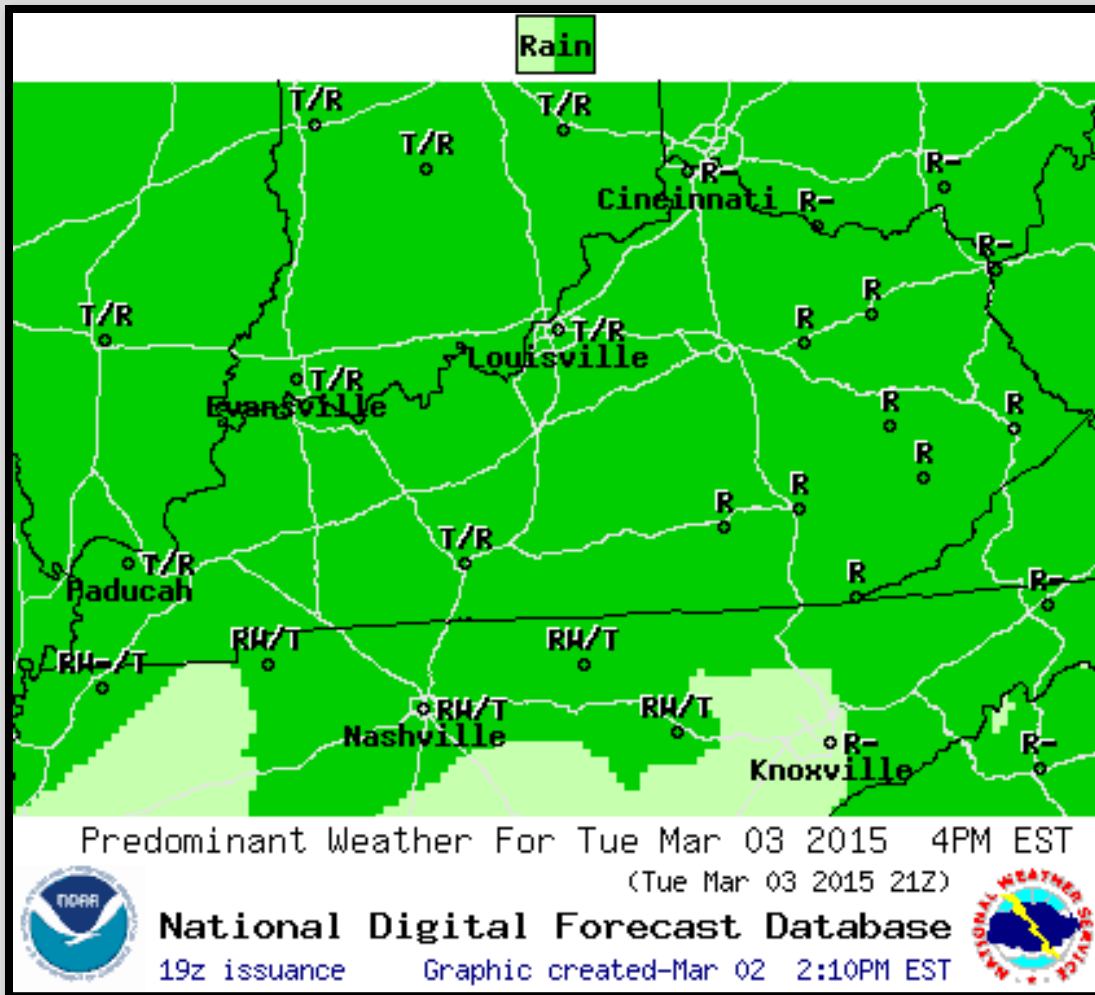
Forecast Timeline

Tuesday Morning



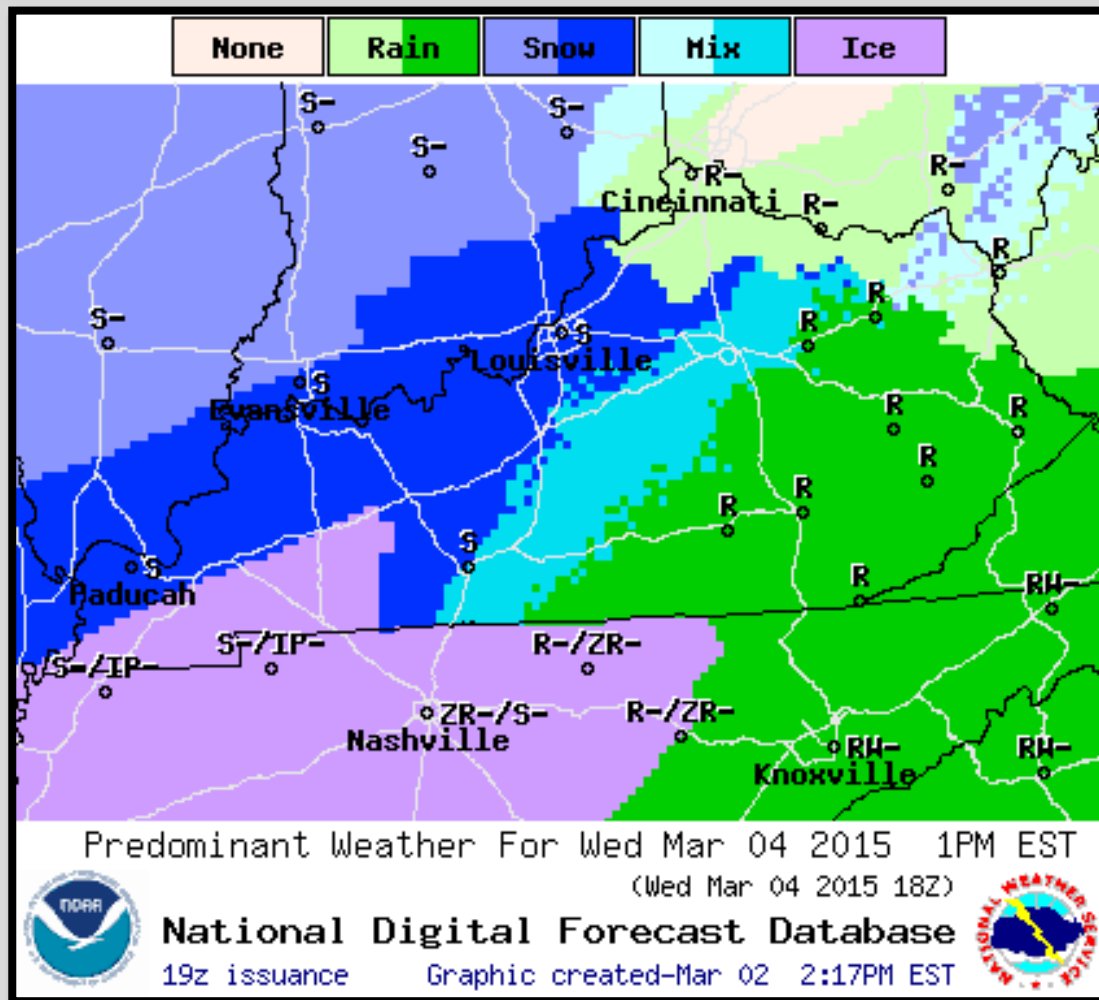
- Rain developing
- A brief period of freezing rain may occur before temperatures fully warm above freezing.

Tuesday Afternoon/Night



- Rain, increasing in intensity late in the day
- Flooding of small creeks and streams may begin to occur overnight Tuesday night

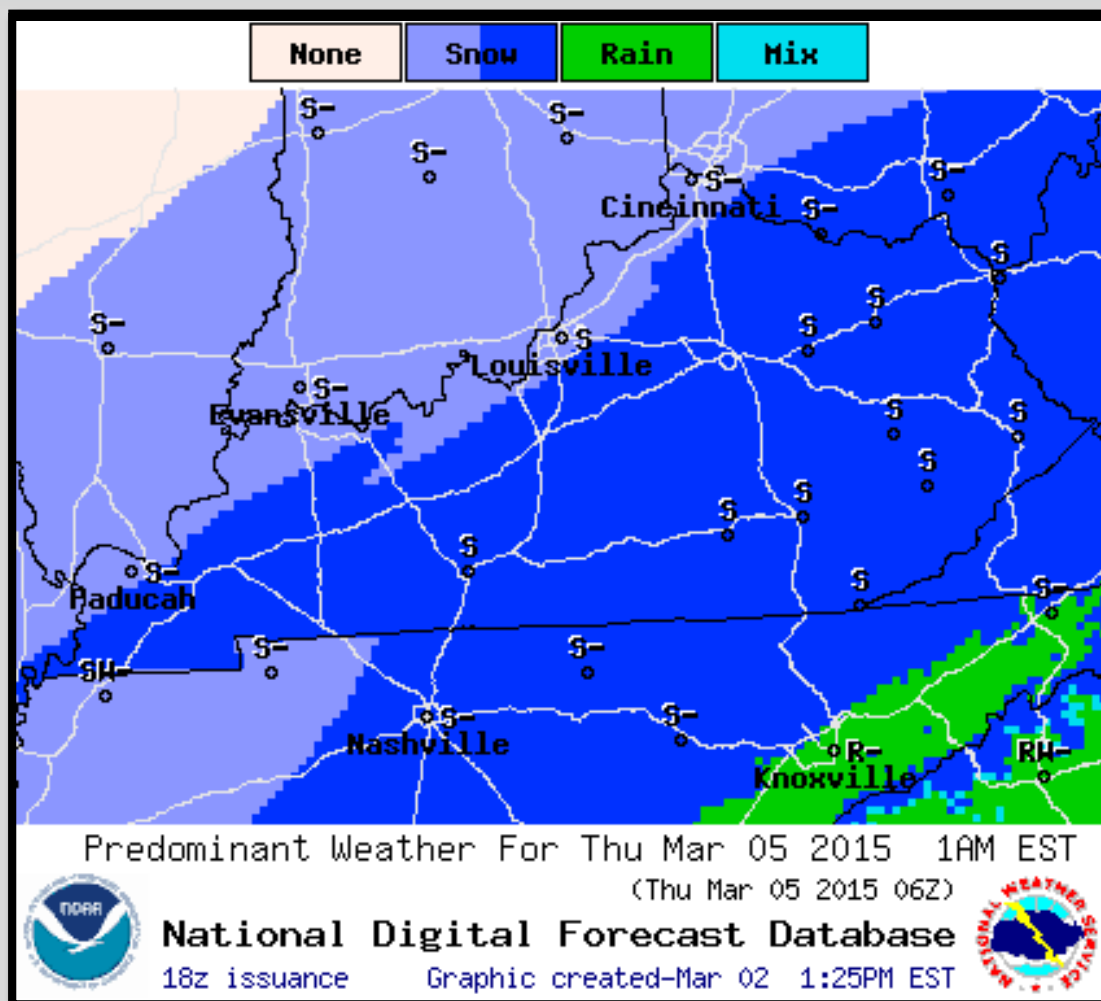
Wednesday Morning/Midday



- Rain, heavy at times for most of east Kentucky
- Flooding of small creeks and streams likely
- Rapid rises will take place on area rivers.
- Rain will begin to change to sleet/snow along and north of I-64 by midday

Forecast Timeline

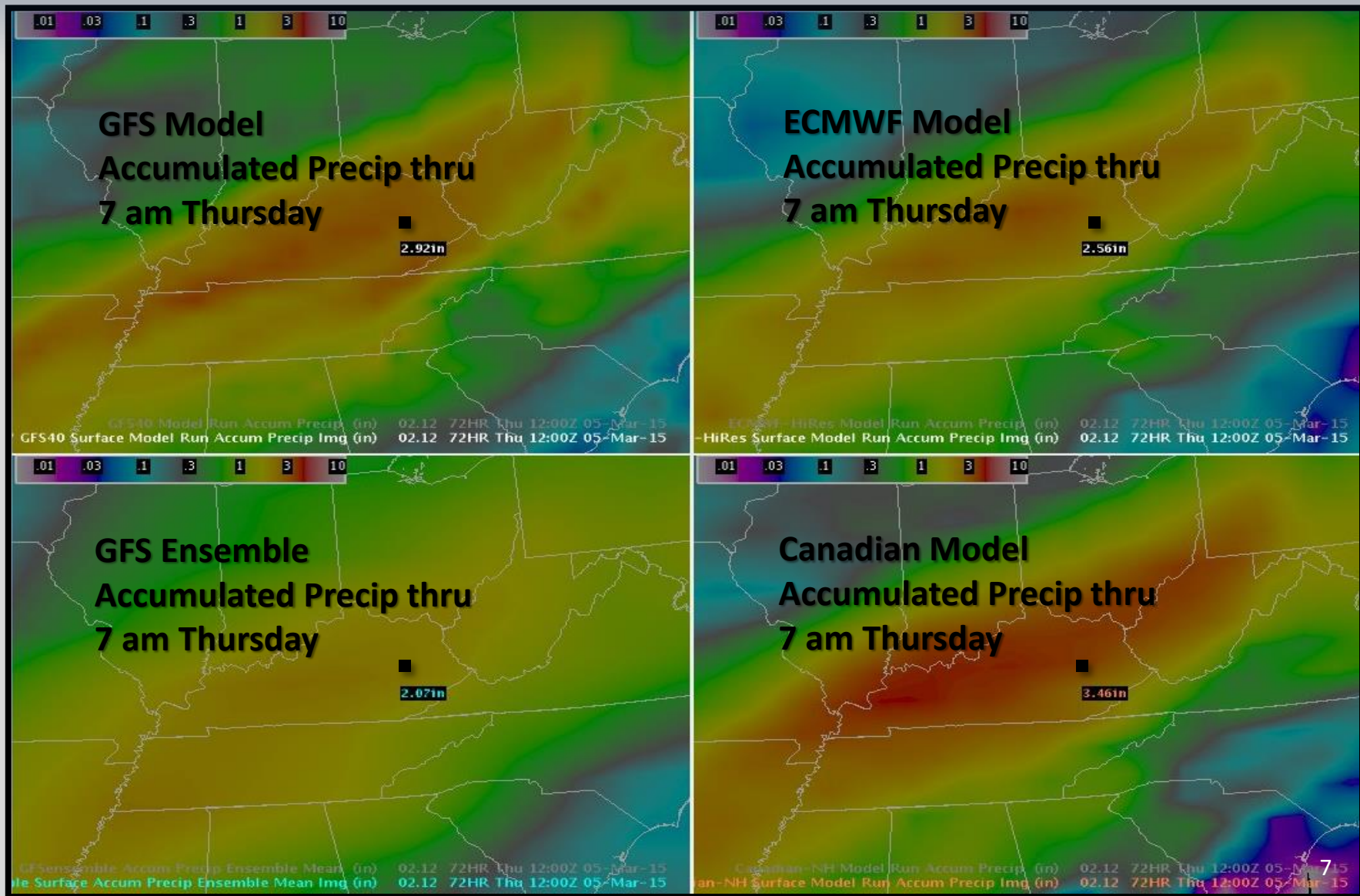
Wednesday Night



- River flooding beginning or ongoing.
- Rain will change to sleet and snow for most areas during the evening.
- Rain may continue into the evening hours in the Cumberland Valley
- Snow/sleet may fall moderate to heavy for a time.
- Several inches of snow likely, but exactly accumulations still hard to forecast

Flood Potential: Rainfall Possibilities

Computer models are in much better agreement on who gets heaviest rainfall.



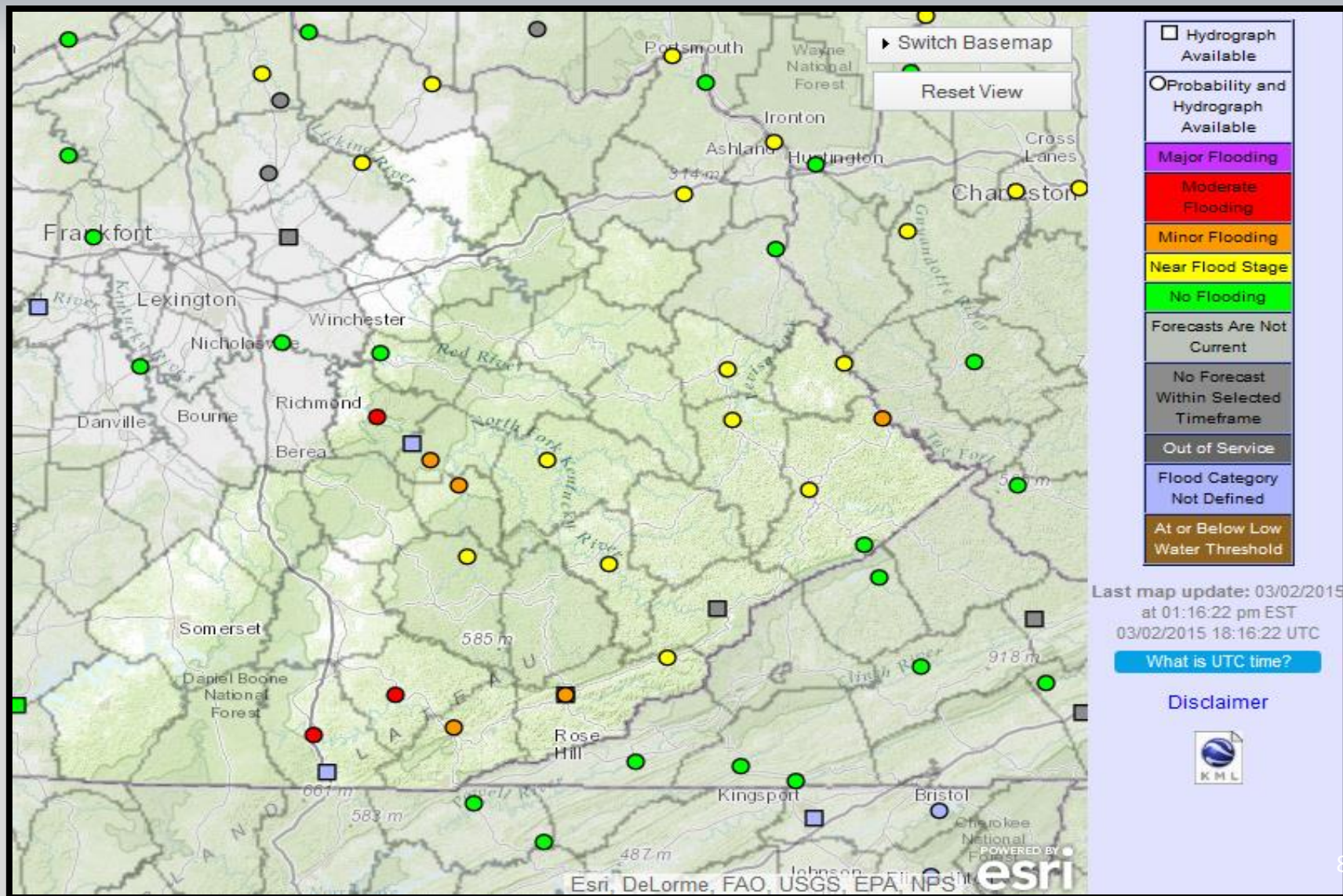


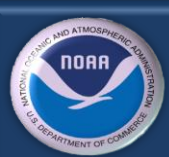
River Flooding Forecast

Forecasts Issued Monday Morning



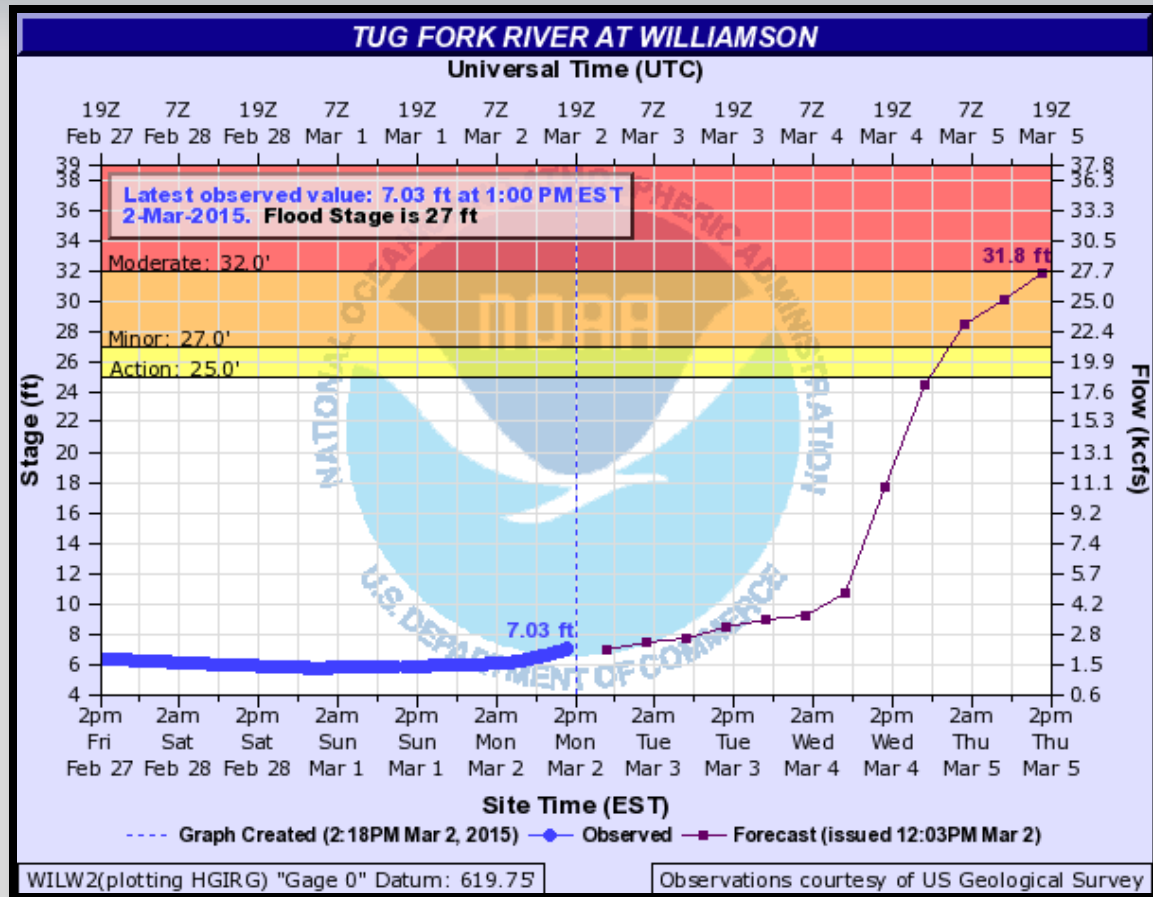
<http://water.weather.gov/ahps2/index.php?wfo=jkl>





Tug Fork Flood Forecasts

Forecasts Issued Monday Morning



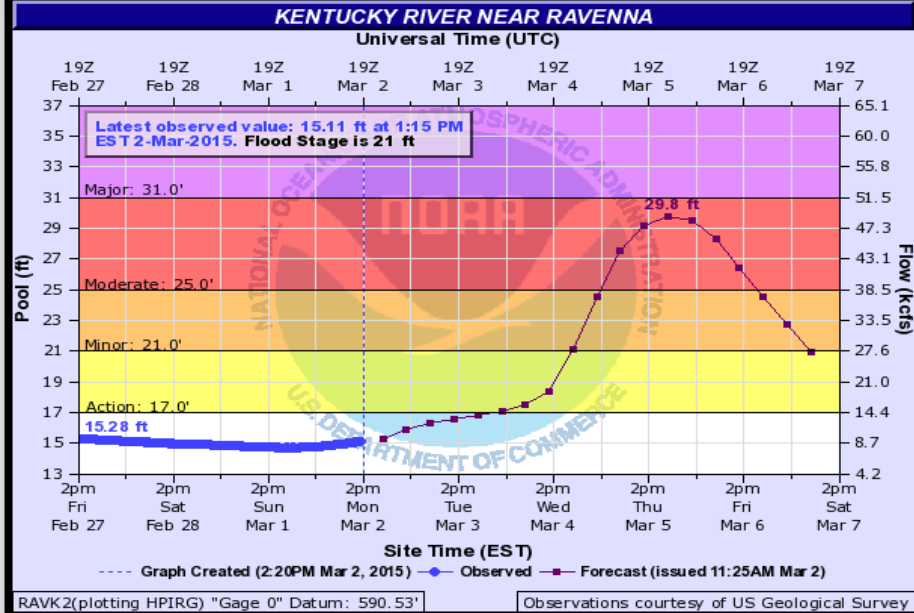
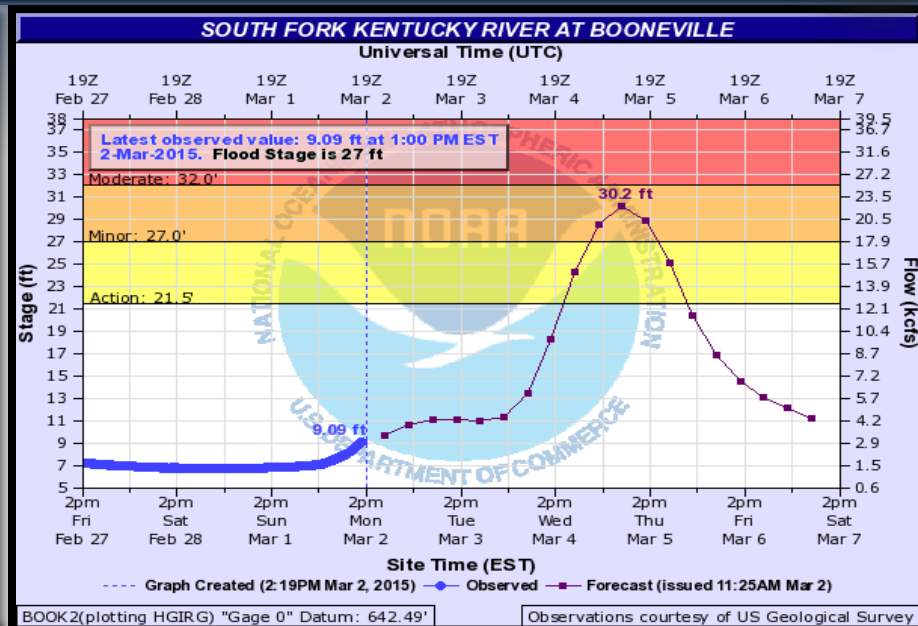
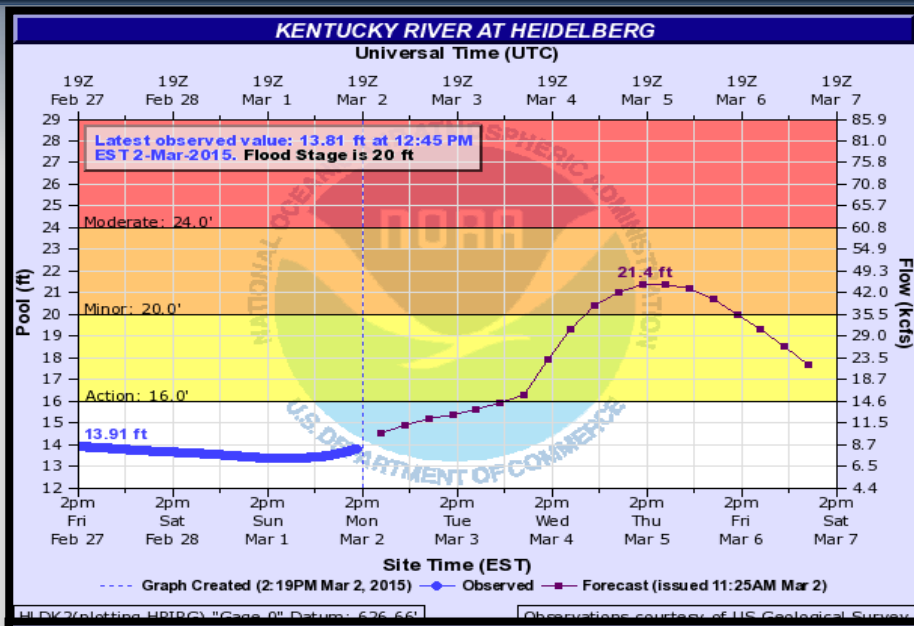
Pikeville, Prestonsburg and Paintsville on the Levisa Fork are forecast to stay barely below Minor Flood Stage.

Please monitor forecasts closely!

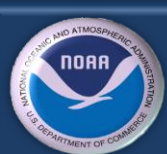


Kentucky River Flood Forecasts

Forecasts Issued Monday Morning



Jackson and Hazard on the North Fork are forecast to stay just below Minor Flood Stage. Monitor future forecasts closely!



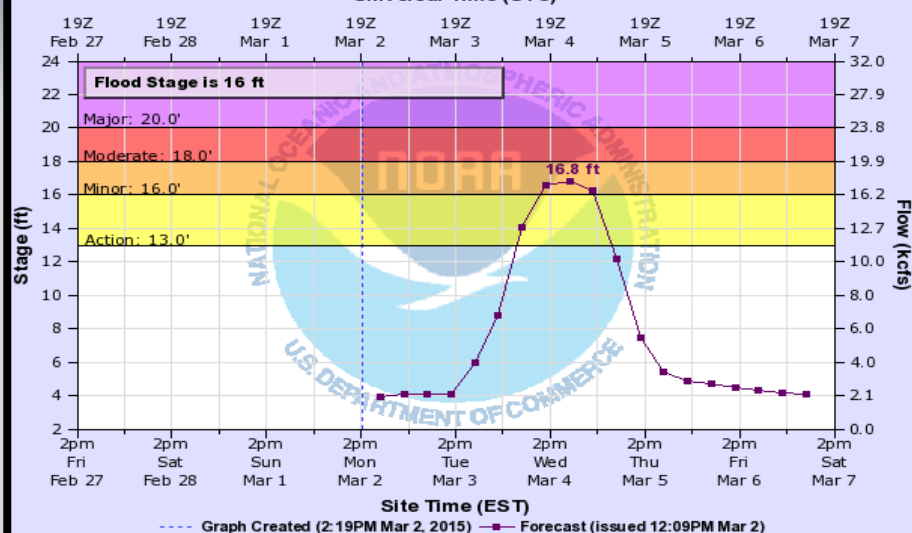
Cumberland River Flood Forecasts

Forecasts Issued Monday Morning



CUMBERLAND RIVER AT BAXTER

Universal Time (UTC)

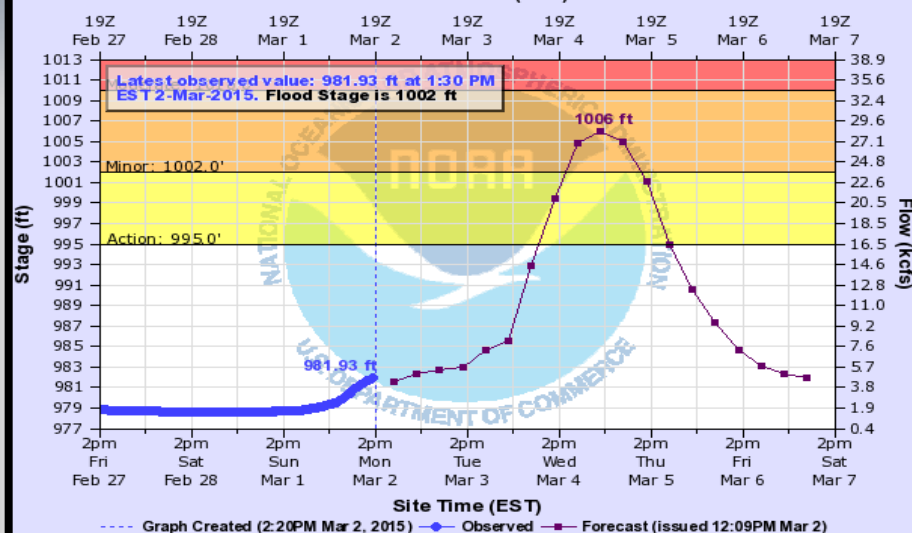


BBVK2(plotting HGIRG) "Gage 0" Datum: 942.97'

Observations courtesy of US Army Corps of Engineers

CUMBERLAND RIVER AT PINEVILLE

Universal Time (UTC)

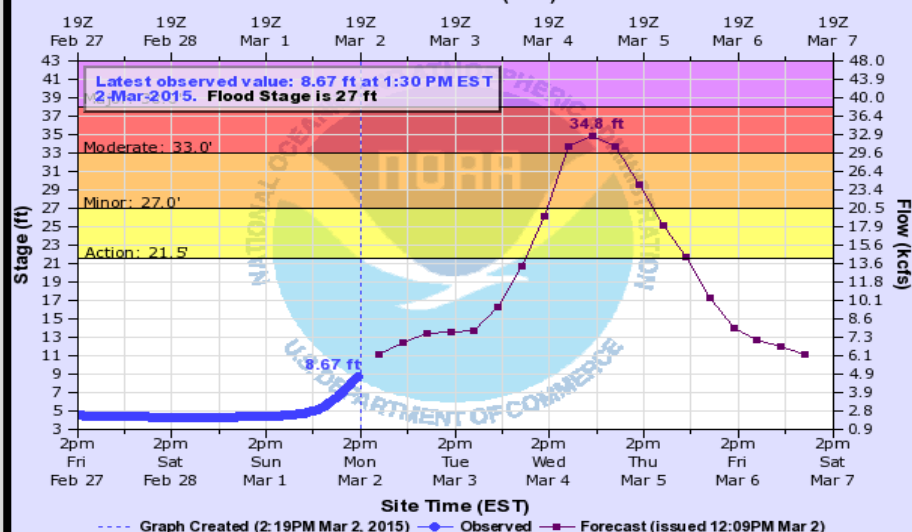


WLBK2(plotting HGIRG) "Gage 0" Datum: 970'

Observations courtesy of US Army Corps of Engineers

CUMBERLAND RIVER AT BARBOURVILLE

Universal Time (UTC)

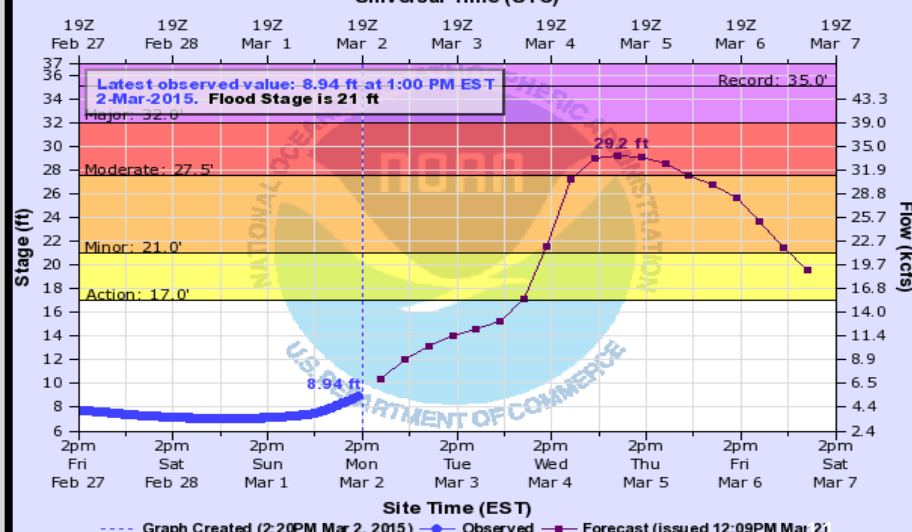


BBVK2(plotting HGIRG) "Gage 0" Datum: 942.97'

Observations courtesy of US Army Corps of Engineers

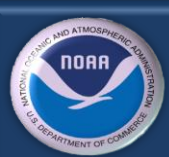
CUMBERLAND RIVER AT WILLIAMSBURG

Universal Time (UTC)



WLBK2(plotting HGIRG) "Gage 0" Datum: 891.52'

Observations courtesy of US Geological Survey

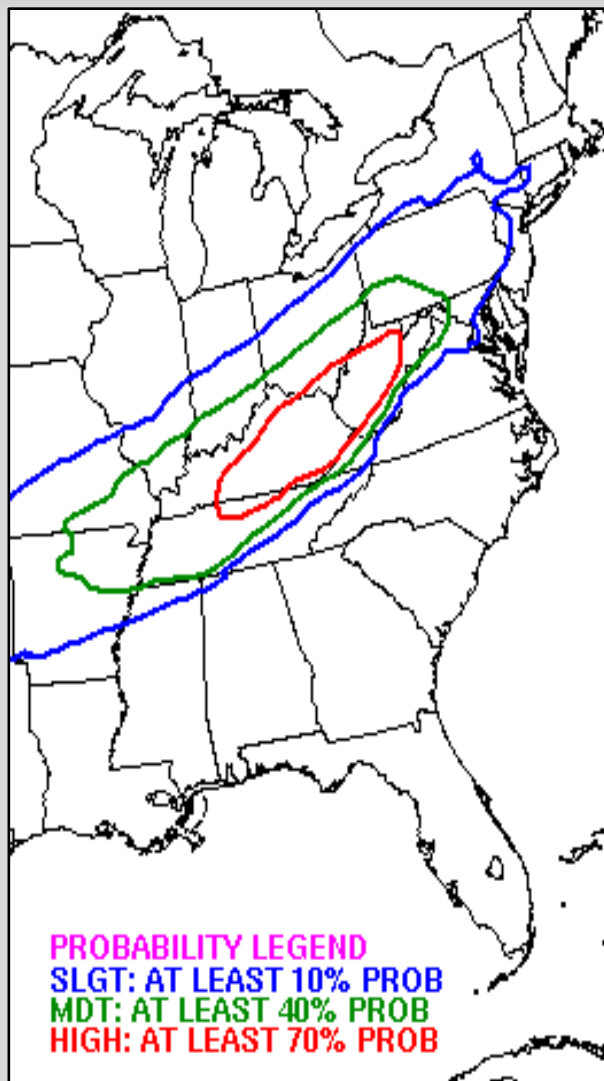


Snow/Sleet Potential

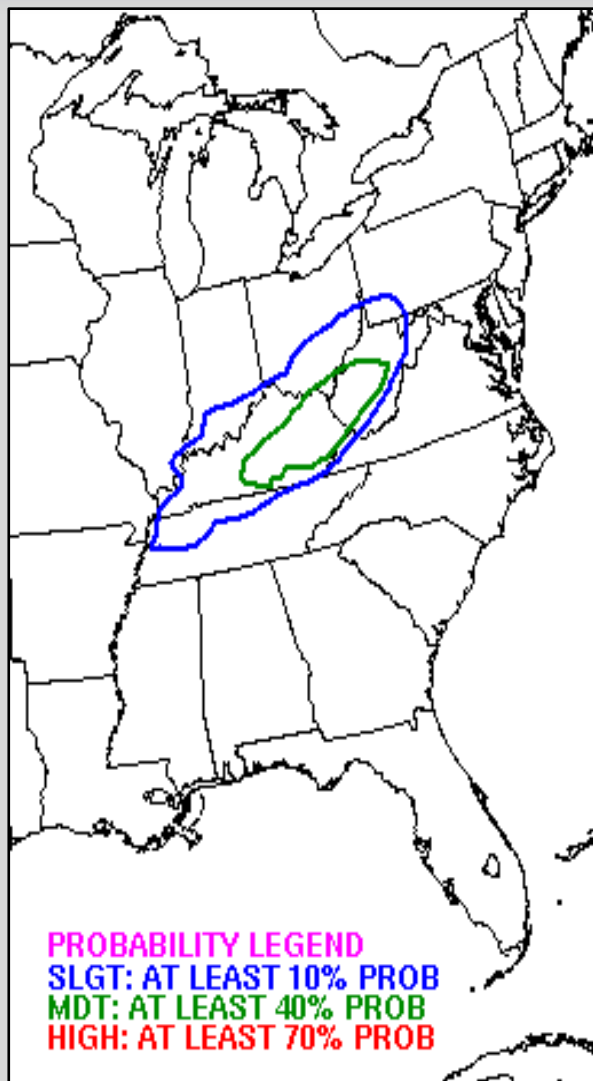
Late Wednesday into Thursday Morning



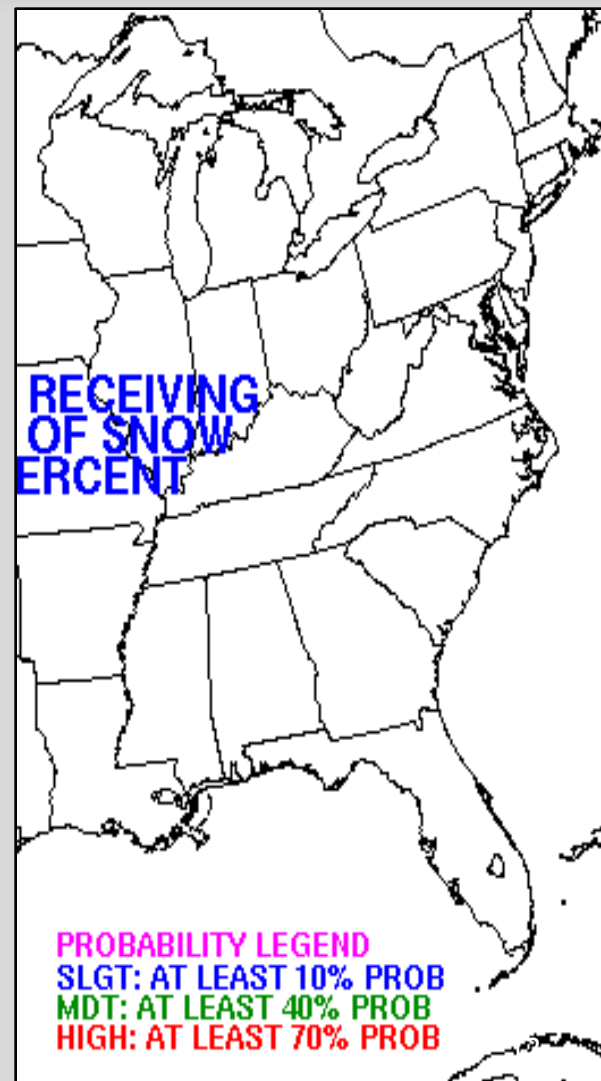
**Probability of 4" or more
of Snow**



**Probability of 8" or more
of Snow**



**Probability of 12" or more
of Snow**





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